



National Weather Service

Storm Data and Unusual Weather Phenomena



March 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------	---------------------------------	---------------------------------------	--------------------

IOWA, Northeast

IAZ008>011

Mitchell - Howard - Winneshiek - Allamakee

17	1800CST			0	0			Winter Storm
19	0600CST							

A slow moving area of low pressure tracked across central Iowa into central Illinois on March 18 and 19, bringing a prolonged period of heavy snow to portions of northeast Iowa. Storm total accumulations of 6 to 12 inches were common, with the locally higher amounts of around 18 inches near the Iowa-Minnesota border. Specific snowfall reports included 15 and 13 inches respectively at Osage and Stacyville (Mitchell County), 11 inches at Cresco (Howard County) and 10.5 inches at Kendallville (Winneshiek County). Thunder was heard at times on Friday March 18, when snowfall rates were as much as 2 to 3 inches per hour. In addition to the heavy snow, strong easterly winds caused drifting problems, with snow drifts in some locations as deep as 3 to 4 feet.

**Mitchell County
6 W Osage**

30	1404CST 1407CST		1	50	0	0	10K	Tornado (F0)
----	--------------------	--	---	----	---	---	-----	--------------

**Mitchell County
Stacyville to
4 NE Stacyville**

30	1413CST 1418CST		1	50	0	0	15K	Tornado (F0)
----	--------------------	--	---	----	---	---	-----	--------------

**Fayette County
Clermont**

30	1443CST				0	0		Hail(1.00)
----	---------	--	--	--	---	---	--	------------

A potent early spring storm spawned a few severe thunderstorms across parts of northeast Iowa. A small tornado occurred just west of Osage (Mitchell County), near Highway 9 and Echo Avenue. A car was turned upside down, while a board punctured the windshield of a pickup truck. In addition, a machine shed was demolished, which caused sheet metal to be blown several hundred feet in all directions. Another small tornado touched down briefly on the northwest side of Stacyville (Mitchell County) and destroyed a pole barn.

MINNESOTA, Southeast

MNZ079-086>088-
094>096

Wabasha - Dodge - Olmsted - Winona - Mower - Fillmore - Houston

17	1800CST			0	0			Winter Storm
19	0600CST							

A slow moving area of low pressure tracked across central Iowa into central Illinois on March 18 and 19, bringing a prolonged period of heavy snow to southeast Minnesota. Storm total accumulations of 1 to 2 feet were common. Some of the highest amounts reported included 24 inches at Lyle (Mower County), 22.5 inches at Byron (Olmsted County) and 20 inches at Spring Valley (Fillmore County). Thunder was heard at times on Friday March 18 when the snow was falling at a rate of 2 to 3 inches per hour. Rochester (Olmsted County) established a new one-day snowfall record on March 18 of 19.8 inches. In addition to the heavy snow, strong easterly winds caused significant drifting, with drifts in some locations as much as 5 feet deep.

**Dodge County
West Concord**

30	1355CST				0	0		Hail(1.00)
----	---------	--	--	--	---	---	--	------------

**Mower County
4 S Adams**

30	1418CST 1419CST		1	30	0	0	7.5K	Tornado (F0)
----	--------------------	--	---	----	---	---	------	--------------

**Fillmore County
2 S Preston**

30	1440CST				0	0		Hail(0.75)
----	---------	--	--	--	---	---	--	------------

**Olmsted County
2 S Dover**

30	1455CST				0	0		Hail(0.75)
----	---------	--	--	--	---	---	--	------------

**Wabasha County
Elgin**

30	1527CST				0	0		Hail(1.00)
----	---------	--	--	--	---	---	--	------------



National Weather Service

Storm Data and Unusual Weather Phenomena



March 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

MINNESOTA, Southeast

Wabasha County									
Plainview	30	1527CST			0	0			Hail(1.00)
Houston County									
2 E Money Creek	30	1528CST			0	0			Hail(0.75)
Olmsted County									
1 S Chester	30	1528CST			0	0	5K		Thunderstorm Wind (EG54)
Wabasha County									
4 NW Elgin	30	1530CST			0	0	5K		Thunderstorm Wind (EG53)
Winona County									
Ridgeway	30	1534CST			0	0			Hail(0.75)
Wabasha County									
1 W Wabasha	30	1540CST			0	0			Thunderstorm Wind (EG52)
Wabasha County									
Lake City	30	1542CST			0	0			Hail(0.88)
Wabasha County									
Lake City	30	1542CST			0	0			Thunderstorm Wind (EG52)

A potent early spring storm triggered severe thunderstorms over portions of southeast Minnesota. A small tornado touched down briefly near the Minnesota-Iowa state line just south of Adams (Mower County), damaging barns and outbuildings. Elsewhere around the area, hail the size of pennies and quarters was reported by law enforcement officials, spotters and amateur radio operators. Thunderstorm wind gusts estimated at 60 to 65 mph blew the roof off a horse stable near Chester (Olmsted County) and damaged farm buildings near Elgin (Wabasha County).

WISCONSIN, Southwest

WIZ029-032>034-
041>044-053-055

Clark - Buffalo - Trempealeau - Jackson - La Crosse - Monroe - Juneau - Adams - Vernon - Richland

17	1800CST	0	0	Winter Storm
19	0900CST			

A slow moving area of low pressure tracked across central Iowa into central Illinois on March 18 and 19, bringing a prolonged period of heavy snow to southwest and central Wisconsin. Storm total accumulations of 8 to 16 inches covered a broad area, with a band of nearly 2 feet from Alma (Buffalo County) to Northfield (Jackson County). Some of the higher snowfall totals included 23 inches at Alma Center (Jackson County), 21.5 inches at Buffalo City (Buffalo County) and 18.5 inches at Ettrick (Trempealeau County). Thunder was heard at times on Friday March 18, when snow was falling at the rate of 2 to 3 inches per hour. Strong easterly winds accompanied the heavy snow, producing drifts as much as 4 to 5 feet deep in some locations.

Grant County									
Ellenboro	30	1440CST			0	0			Hail(0.75)
Vernon County									
Genoa	30	1525CST			0	0	0.75K		Thunderstorm Wind (EG52)
La Crosse County									
2 S Onalaska	30	1534CST			0	0			Hail(0.75)
La Crosse County									
(Lse)La Crosse Muni	30	1535CST			0	0			Hail(0.88)

Hail the size of pennies and nickels was reported in parts of southwest Wisconsin, as a potent early spring storm triggered a few severe thunderstorms.